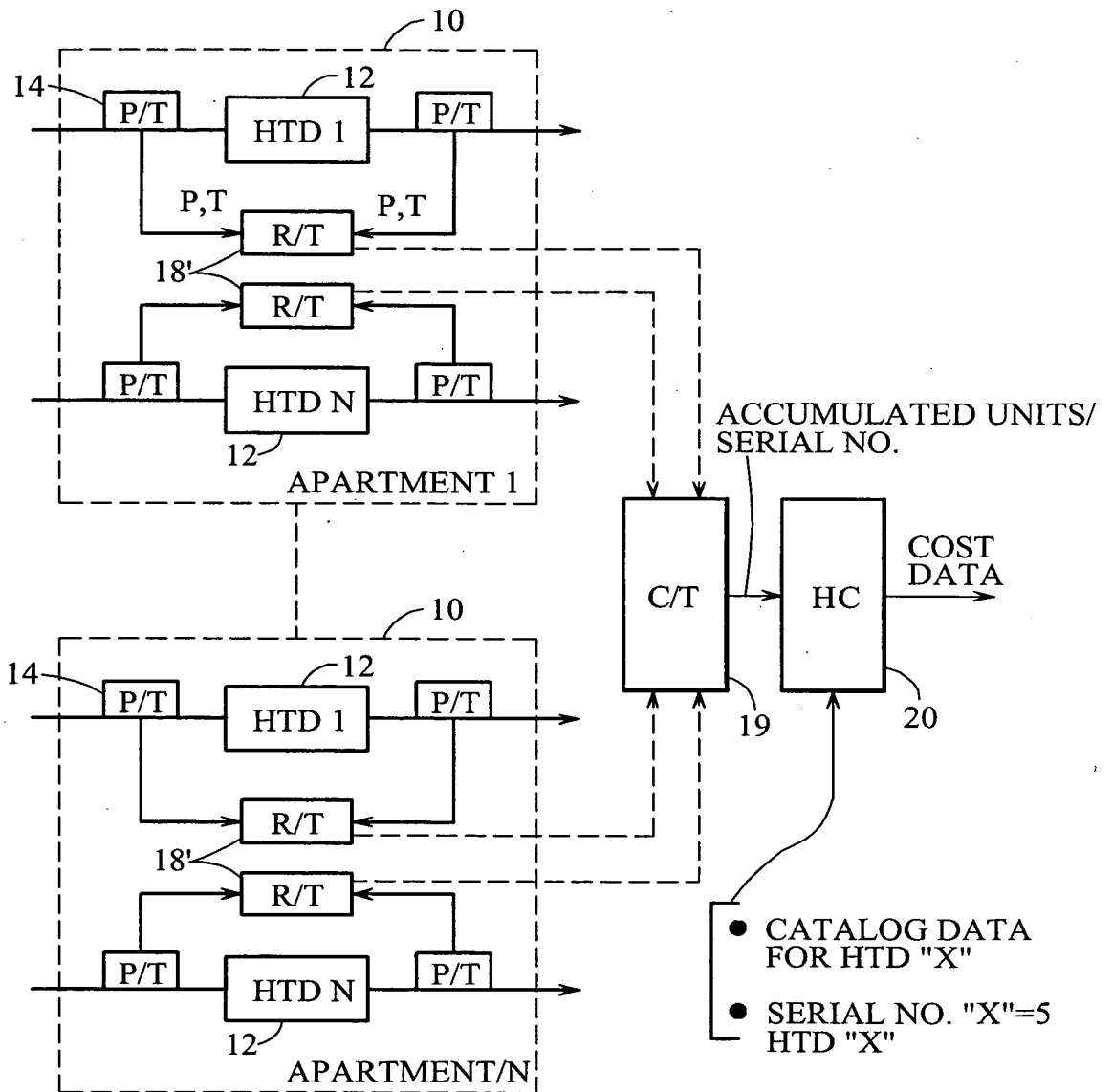
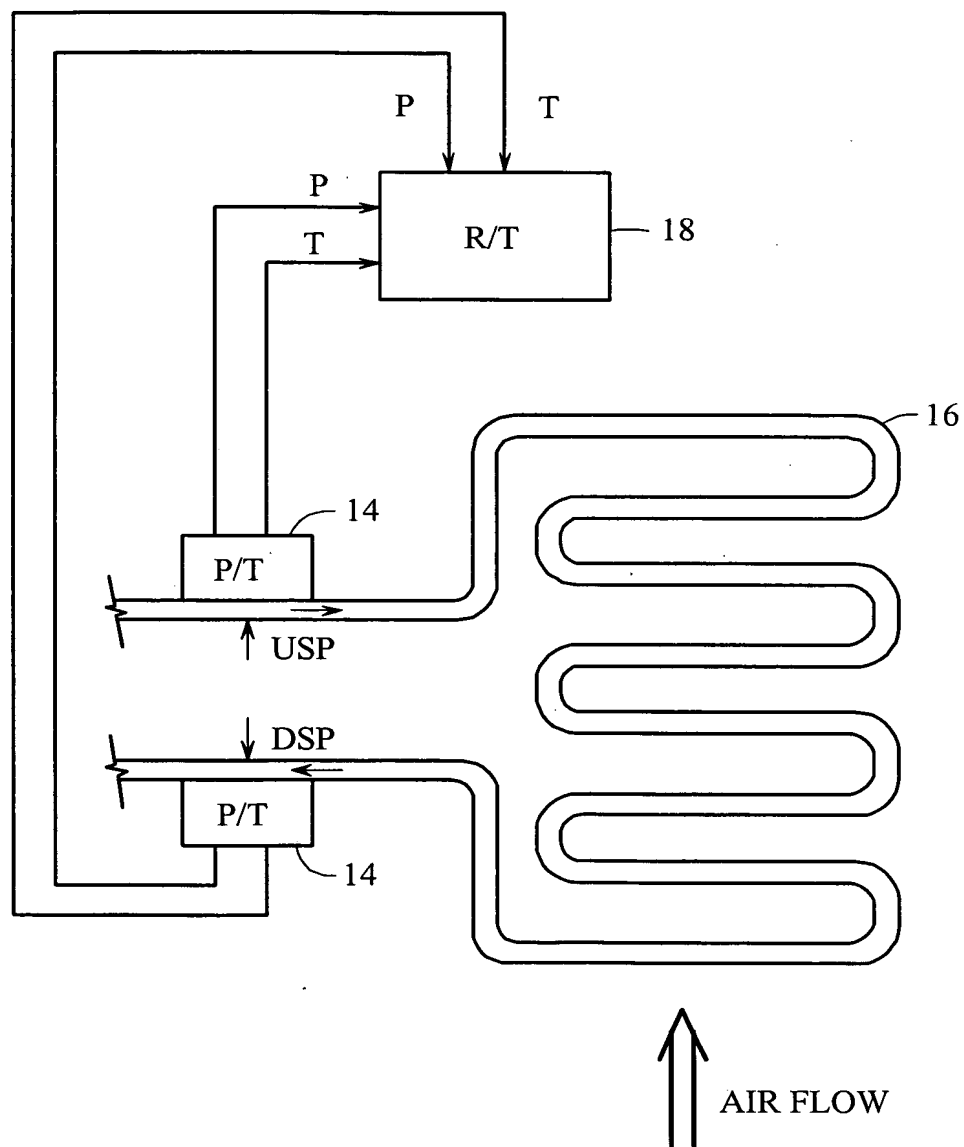


FIG. 1



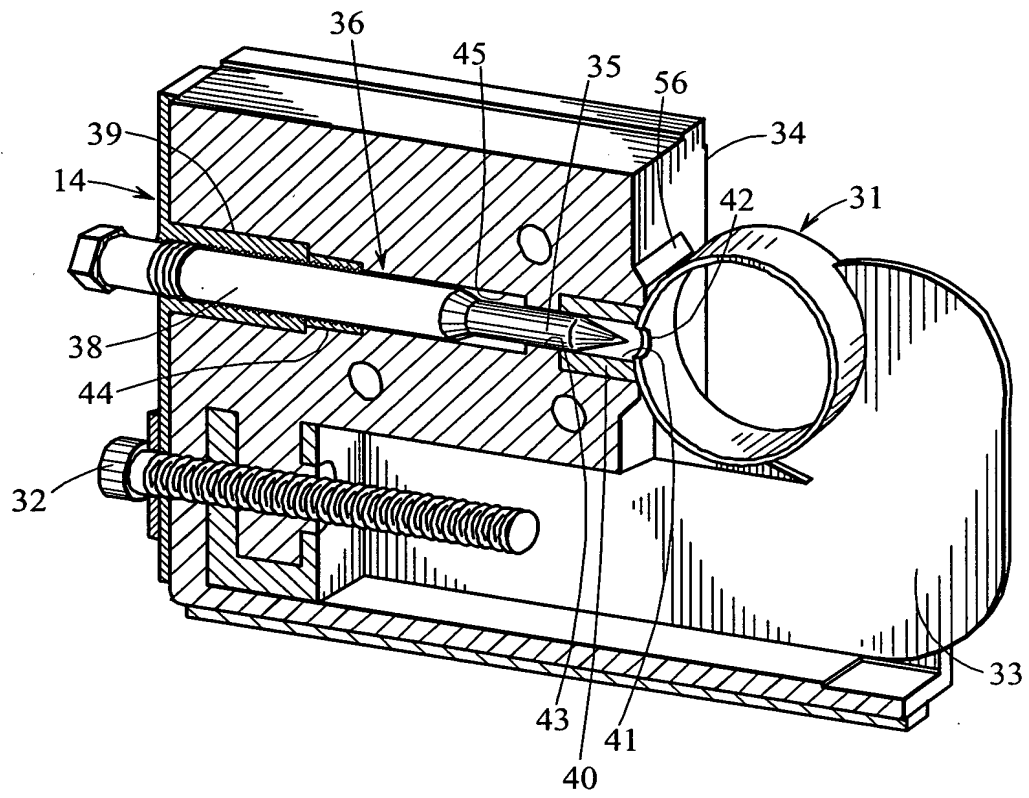
206040"49T5500T

FIG. 2



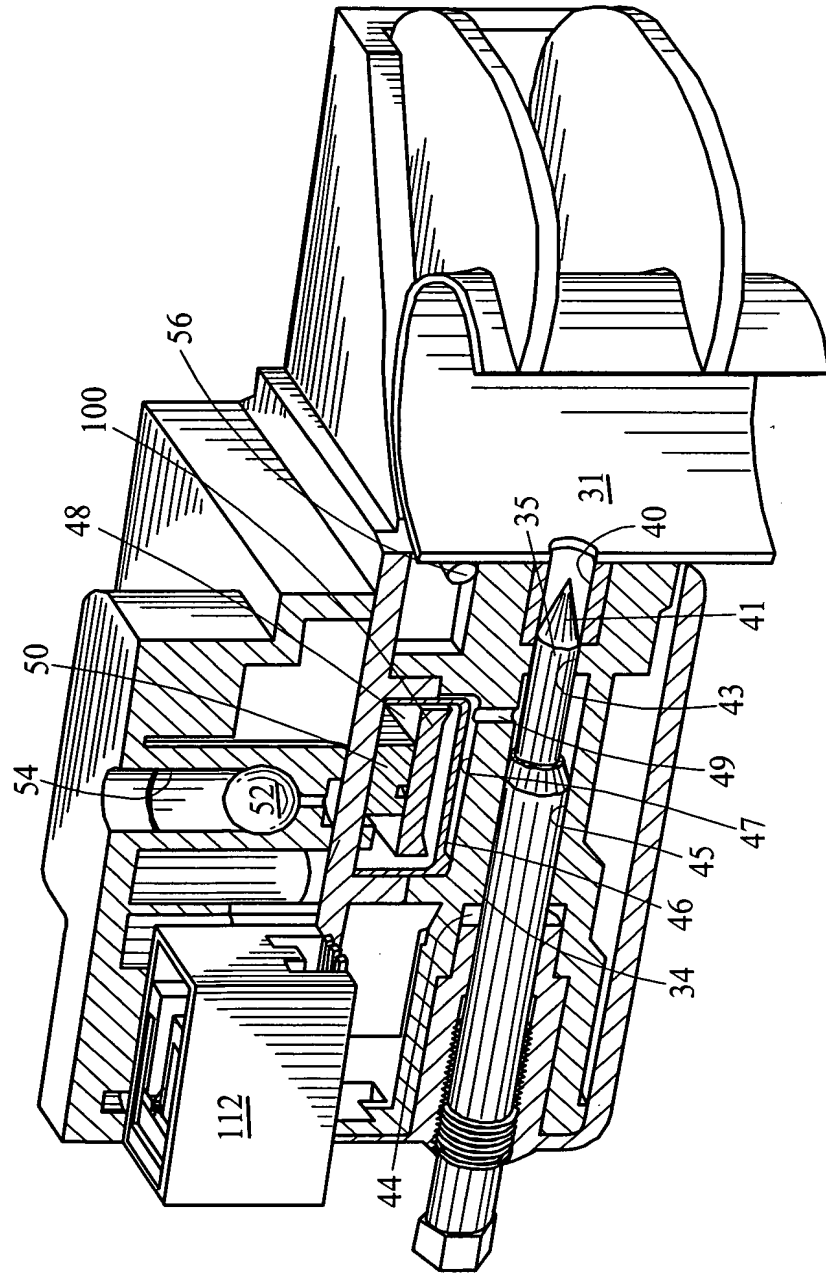
10055164, 040902

FIG. 3



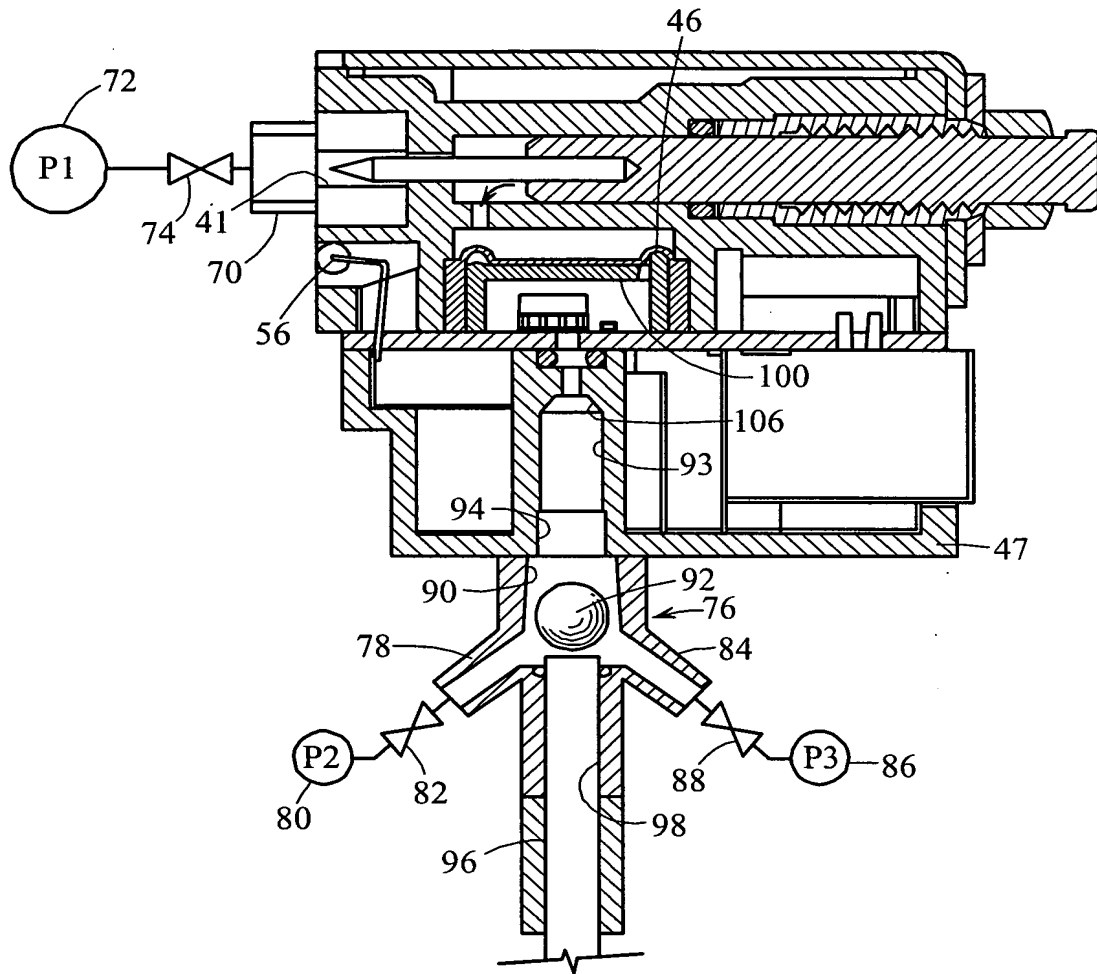
1055164-040902

FIG. 4



206040"4915500T

FIG. 5



206040-49T5500T



FIG. 6

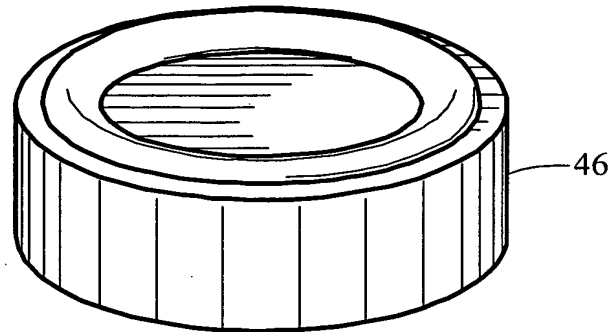
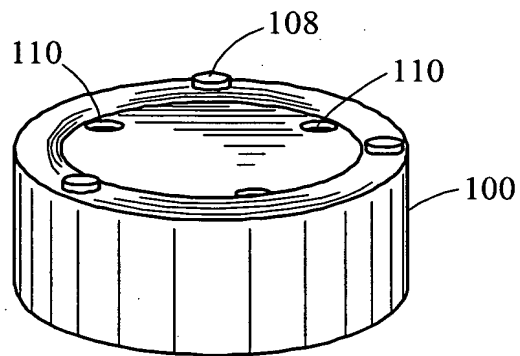


FIG. 7



10055154-040902



FIG. 8

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CATALOG DATA		$\sqrt{\Delta P}$	FLOW/ $\sqrt{\Delta P}$
FLOW, GPM	DELTA P		
1	0.5	0.707	1.41421
2	2	1.414	1.41421
3	4.5	2.121	1.41421
4	8	2.828	1.41421
5	12.5	3.536	1.41421
6	18	4.243	1.41421
7	24.5	4.950	1.41421
8	32	5.657	1.41421

FIG. 9

P1	P2	ΔP	$\sqrt{\Delta P}$
60	59.5	0.5	0.707
60	58	2	1.414
60	55.5	4.5	2.121
60	52	8	2.828
60	47.5	12.5	3.536
60	42	18	4.243
60	35.5	24.5	4.950
60	28	32	5.657

FIG. 10

T1	T2	ΔT
120	110	10
120	110	10
120	110	10
120	110	10
120	110	10
120	110	10
120	110	10
120	110	10

FIG. 11

	CATALOG DATA		TIME INTERVAL IN MINUTES
	DELTA P	$\sqrt{\Delta P}$	
0.707	10	7.1	5
1.414	10	14.1	5
2.121	10	21.2	5
2.828	10	28.3	5
3.536	10	35.4	5
4.243	10	42.4	5
4.950	10	49.5	5
5.657	10	56.6	5

254.6

206040-49T500T